Call For Paper
The 16th SRMPDS

SCOPE
The 16th International Workshop on Scheduling and Resource Management for Parallel and Distributed Systems (SRMPDS), will be held in conjunction with the ICPP'20 - 49th International Conference on Parallel Processing in Edmonton, Canada, August 17, 2020.

Resource management and scheduling is a crucial task on large-scale computing systems. It plays an essential role in the optimization of resources usage. The goal of this workshop is to bring together researchers and practitioners working in the areas of resource scheduling and resource management to exchange and share their experiences, new ideas, and latest research results on all aspects of scheduling and resource management in parallel and distributed systems including Grids and Clouds.

SUBMISSIONS
Papers should not exceed 10 pages in the ACM format located at: https://www.acm.org/publications/proceedings-template
Papers should be submitted via https://easychair.org/conferences/?conf=srmpds2020
All accepted papers will be available in ICPP'20 workshop proceedings, and will be submitted to the ACM Digital Library for publishing and CSDL for EI indexing. After the workshop, the extended version of top few papers will be invited to publish on the Journal of Cluster Computing (2016 Impact Factor: 2.04, 5-Year Impact Factor: 2.08, Quartile: Q2).

IMPORTANT DATES
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* Submissions Due:      Apr. 1,  2020 => Apr. 14,  2020
* Review Decisions:      May 21,  2020
* Final Manuscript Due:  Jun. 7,  2020
* Workshop Date:        Aug. 17, 2020
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TOPICS
Topics of interest for the workshop include but are not limited to:
* Resource allocation and management
* Advance resource reservation and scheduling
* Load sharing and Load balancing techniques
* Network resource allocation
* Fault-tolerant resource management approaches
* Data access and management
* Scheduling data intensive jobs
* Scheduling on heterogeneous nodes
* Time slicing, gang, or co-scheduling
* Fairness, priorities, and accounting Issues
* Performance implications of scheduling strategies

* Performance metrics to compare scheduling schemes
* Virtualization of resources

ORGANIZERS

Program committees

* Ramin Yahyapour (University of Göttingen, Germany)
* Achim Streit (Karlsruhe Institute of Technology, Germany)
* Alfredo Goldman (University of São Paulo, Brazil)
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* Jonas Markussen, (Simula Research Laboratory and University of Oslo, Norway)
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* Beau Johnston, (Australian National University, Australia)
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* Gokarna Sharma, (Kent State University, USA)
* Johnnie Baker, (Kent State University, USA)
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Organizing committees

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* Zhengchun Liu (Argonne National Laboratory, USA)

CONTACT

For further details and updates, please consult the workshop web site at URL: https://srmpds.github.io/ or contact to srmpds@anl.gov.